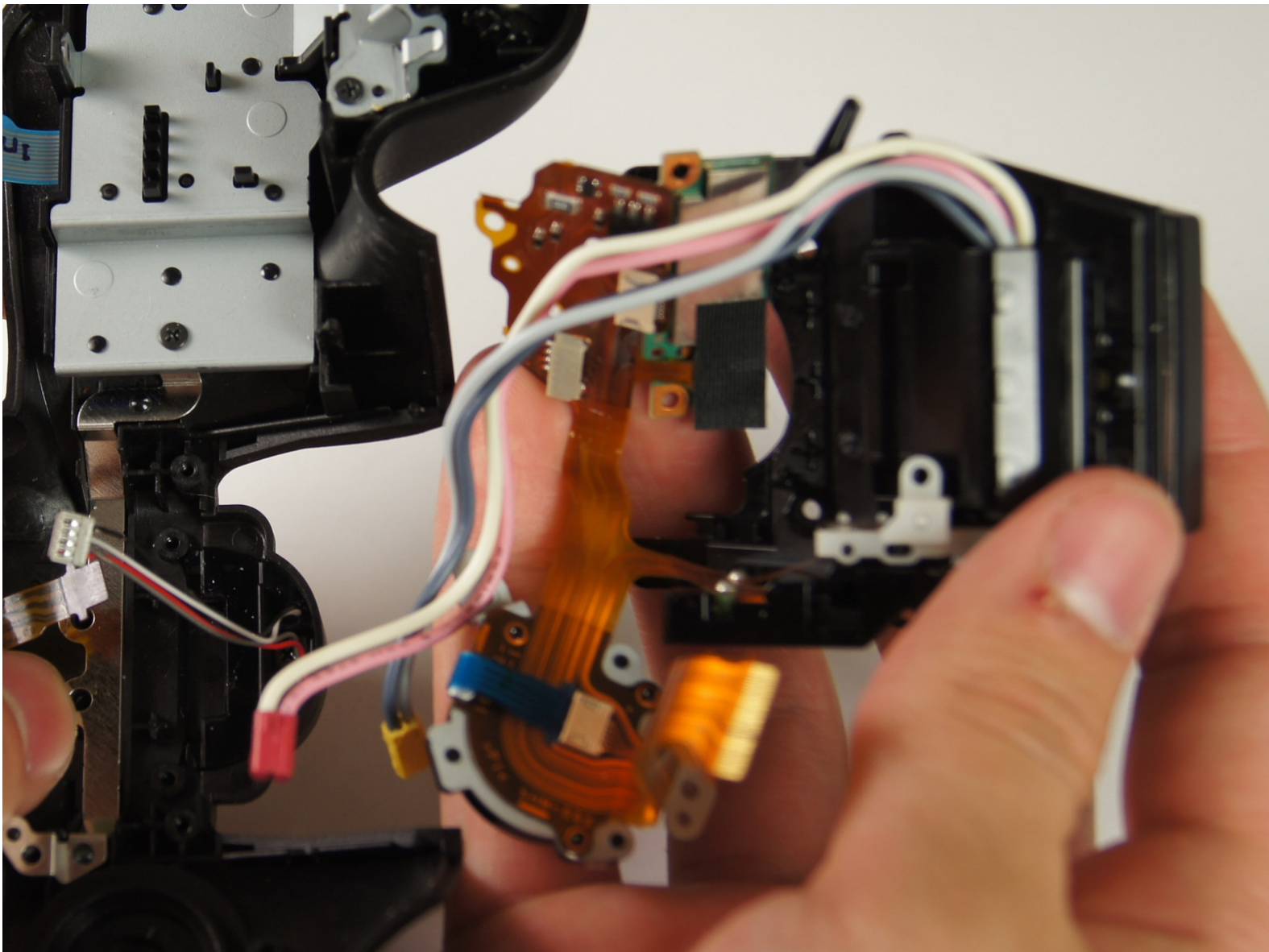




# Sony SLT Alpha-65V Flash Unit Replacement

This guide will show you how to replace the flash unit housing from the top of the camera.

Written By: Samuel Lee



## INTRODUCTION

When replacing the flash unit from the camera, be sure to work on a flat surface. Since there are many wires and parts that come off, be sure to keep track of all the components within the flash unit. This requires using a Phillips #00 screwdriver and tweezers.



### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)
- [Phillips #000 Screwdriver](#) (1)



### PARTS:

- [Sony A65V Flash](#) (1)

## Step 1 — Back Panel



- Unscrew the four 4.0 mm Phillips #00 screws with a on the base of the camera below the the scheme that separates the front and back panels.
- Unscrew the 5.0 mm Phillips #00 screw on the bottom right of the camera.

## Step 2



- Unscrew the 4.0 mm Phillips #00 screw on bottom of the left side of the camera.
- Unscrew the 5.0 mm Phillips #00 screw near the top of the left side of the camera.

## Step 3



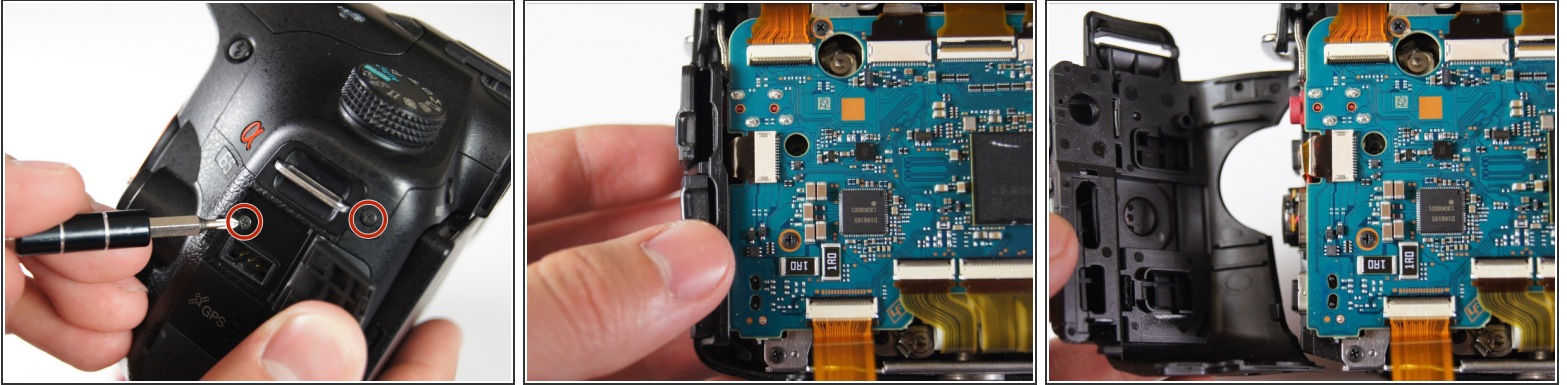
**⚠** Be careful when pulling the back panel away as it will still be connected to the body of the camera by two strips of film.

**i** When unscrewing the 5.0 mm screw on the dial, make sure to hold onto the dial that becomes detached after taking out the screw.

- Unscrew the two 4.0 mm Phillips #00 screw at the top of the camera by the eyepiece.
- Unscrew the 5.0 mm Phillips #00 screw of the dial below the other two screws.
- Once all the screws are removed, carefully use your hands to detach the back panel from the camera. Working around the edges can help as well.

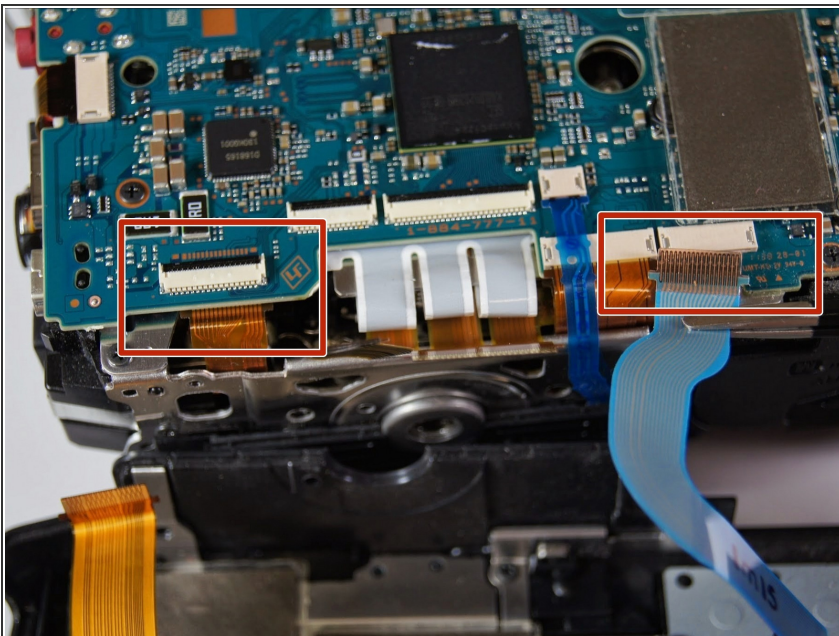


## Step 4



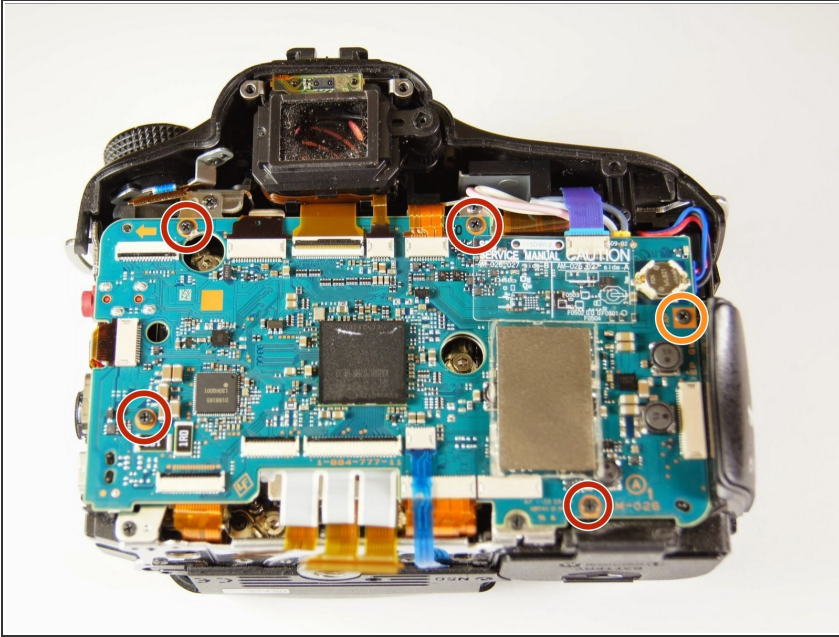
- Remove the two 4.0 mm Phillips #00 screws on the right of the camera that are located on the upper right side and under the "Remote" port flap.
- Detach the right side panel with the remote and HDMI ports of the camera by gently pulling on the panel.

## Step 5



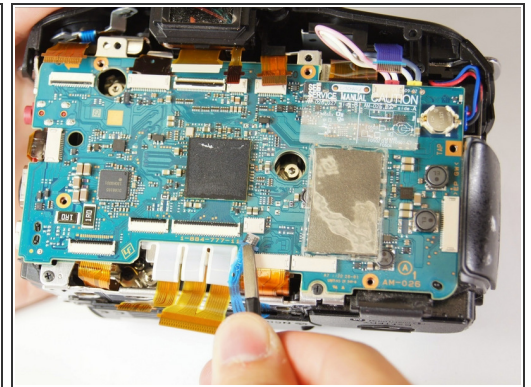
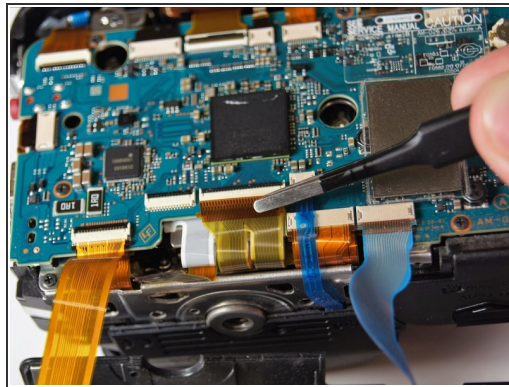
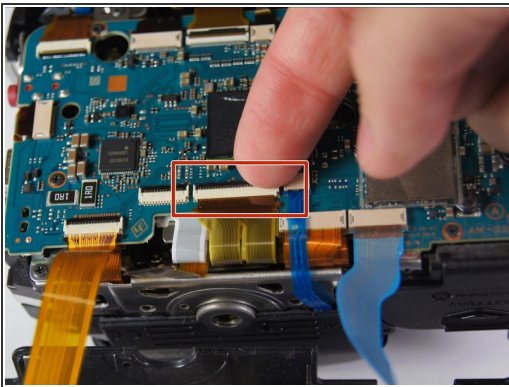
- ⓘ When the back panel is removed, be careful when moving the camera. There are parts inside the camera which now may come loose.
- Use tweezers to remove the blue and orange ribbon connectors from their connection points pictured here.

## Step 6 — Motherboard



- Remove the four 3.0 mm Phillips #00 screws.
- Remove the 5.0 mm Phillips #00 screw.

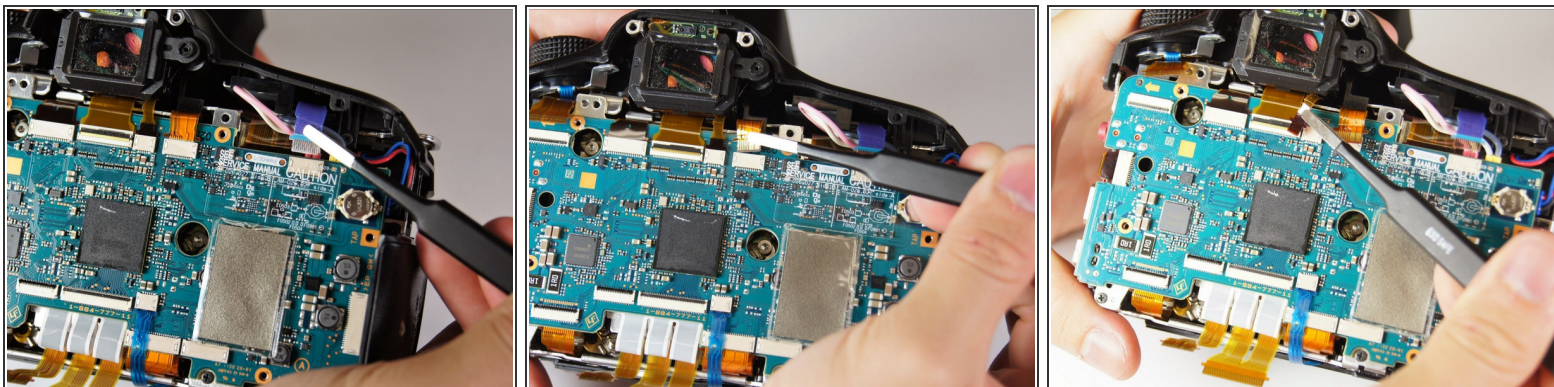
## Step 7



- ☒ Don't forget to close these switches and lock the film back into place when reassembling the camera.
- Use your finger to flip the switch that holds the dual ribbon connector in place.
  - Gently use tweezers to disconnect the dual ribbon connector and the thin blue ribbon connector to the right of it from the circuit board.

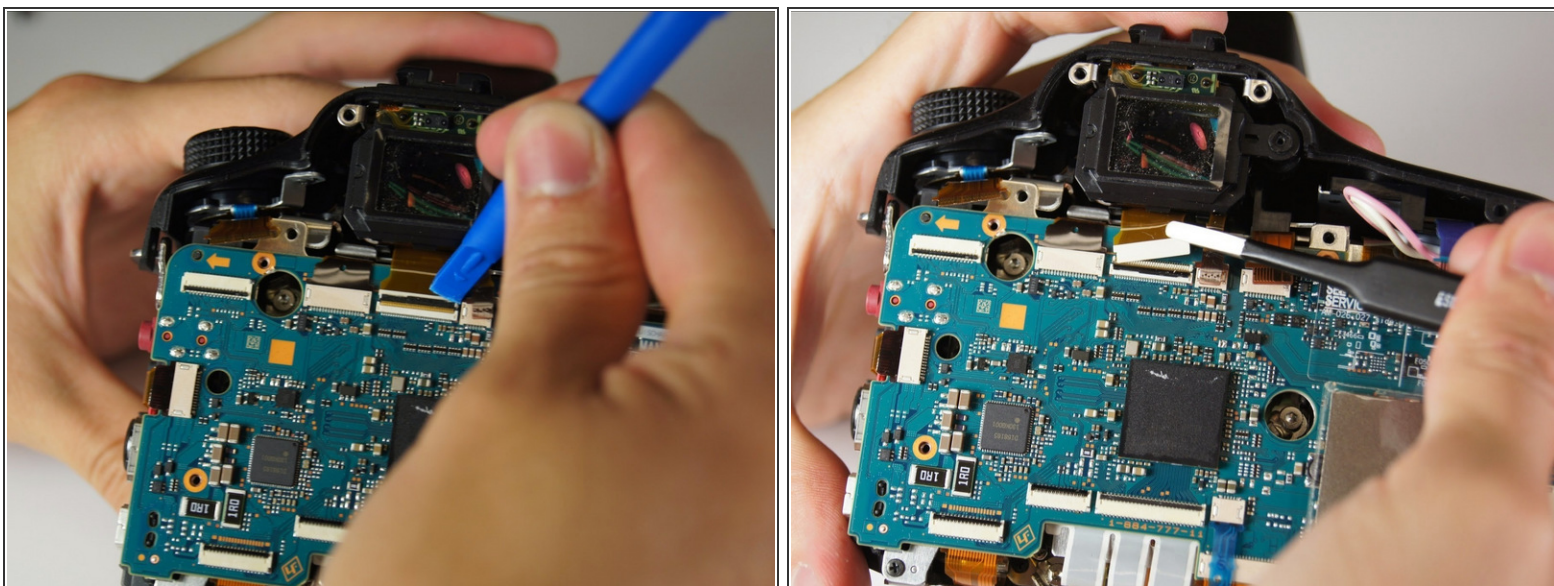


## Step 8



- Use tweezers to disconnect the blue, gold, and brown ribbon connectors near the top of the camera.

## Step 9



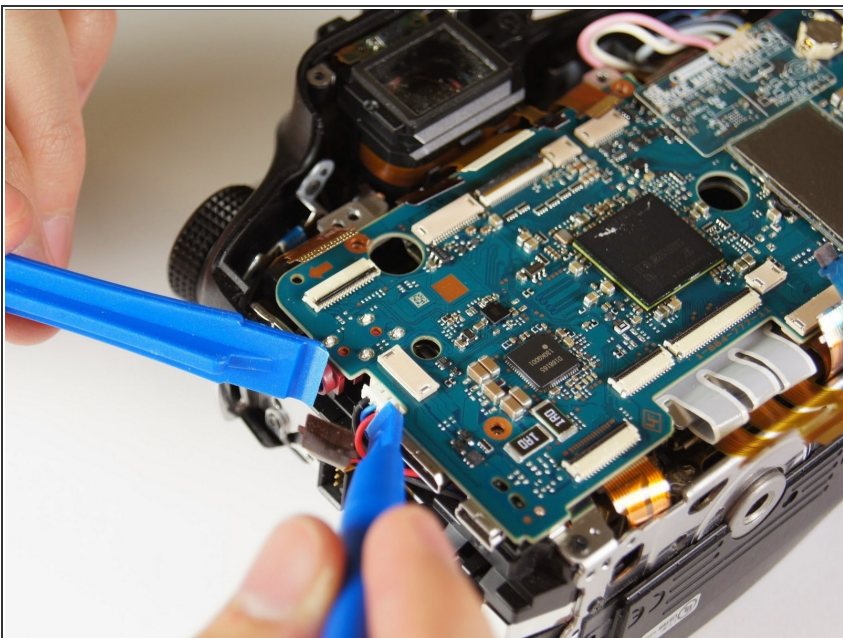
- Use a plastic opening tool to pop open the connector holding the next ribbon to the circuit board.
- Use tweezers to disconnect the ribbon.

## Step 10



- Use tweezers to unplug the blue adapter located at the top right of the circuit board.

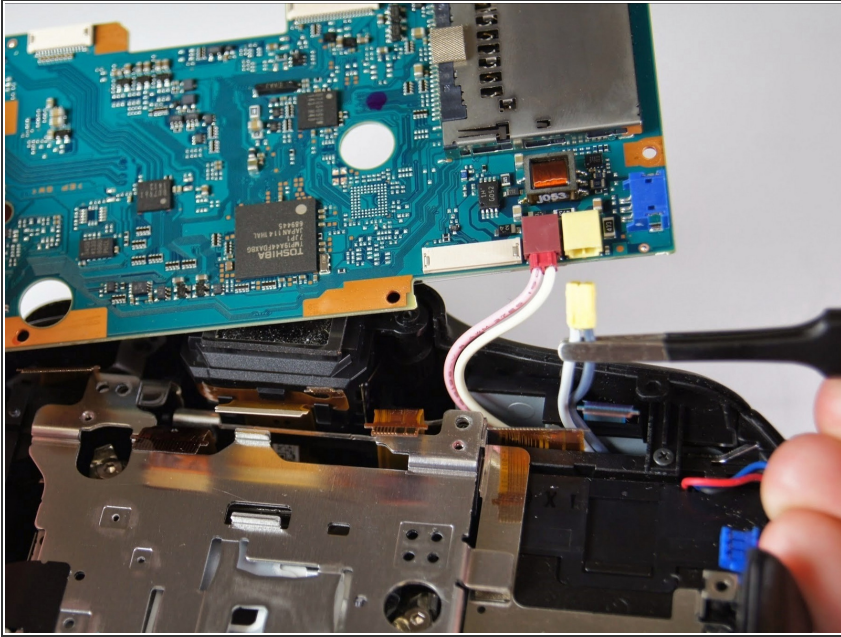
## Step 11




- Use either plastic opening tools or tweezers to unplug the white adapter located on the right side of the circuit board.



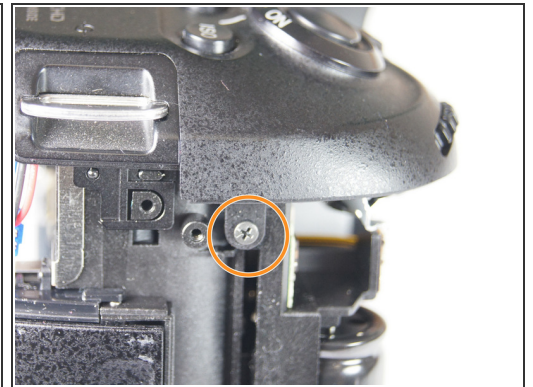
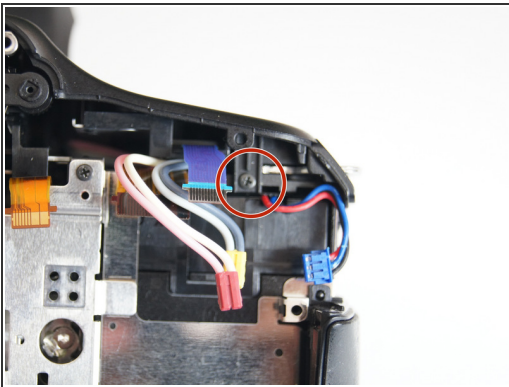
## Step 12



 The circuit board will still be connected to the body of the camera by two pairs of cords.

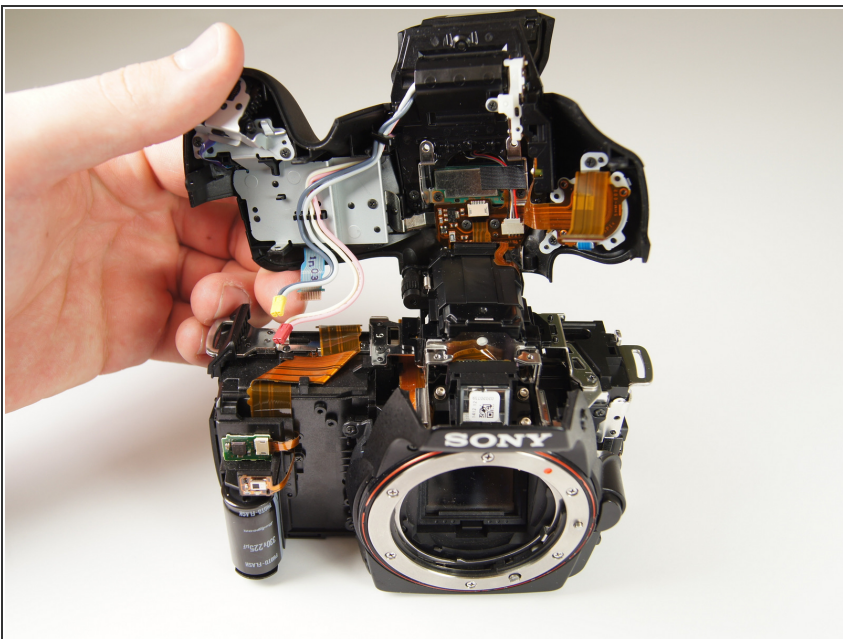
- Gently lift the circuit board away from the camera and turn it over.
- Use tweezers to disconnect the final two plugs and completely remove the circuit board from the camera.

## Step 13 — Flash Unit



- Gently remove the 3.0 mm Phillips #00 screw on the back of the camera.
- Remove the three 5.0 mm Phillips #00 screws on the front and left side of the camera.

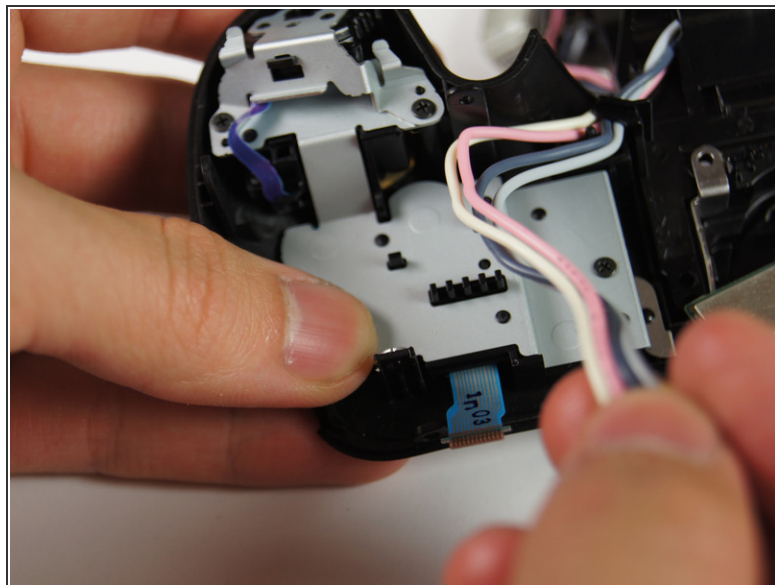
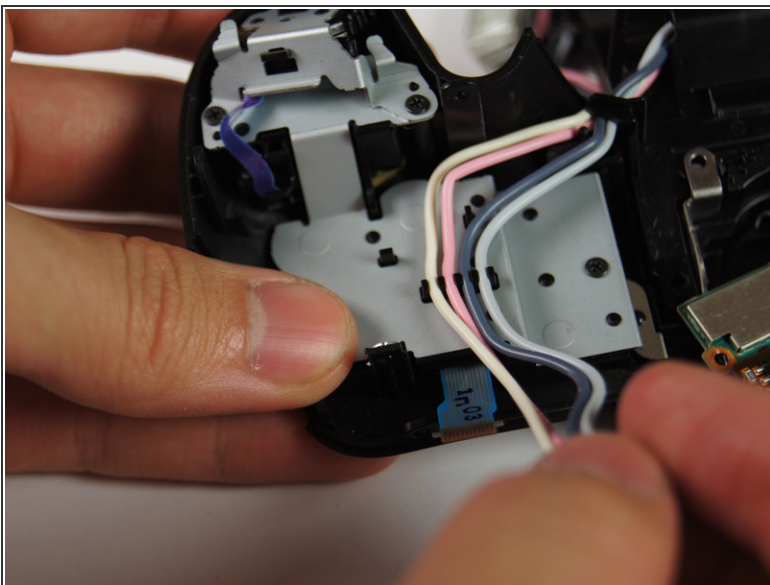
## Step 14



**i** The top cover should easily come off if the circuit board has been removed.

- Gently lift the top cover.

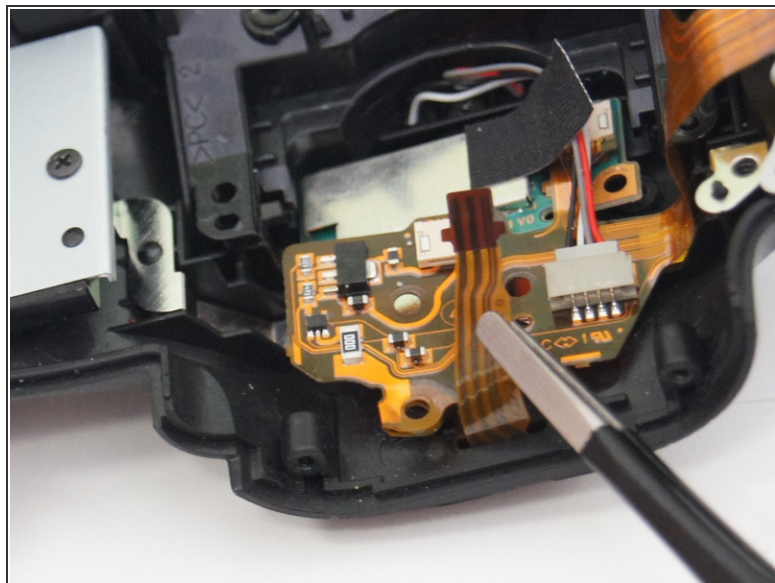
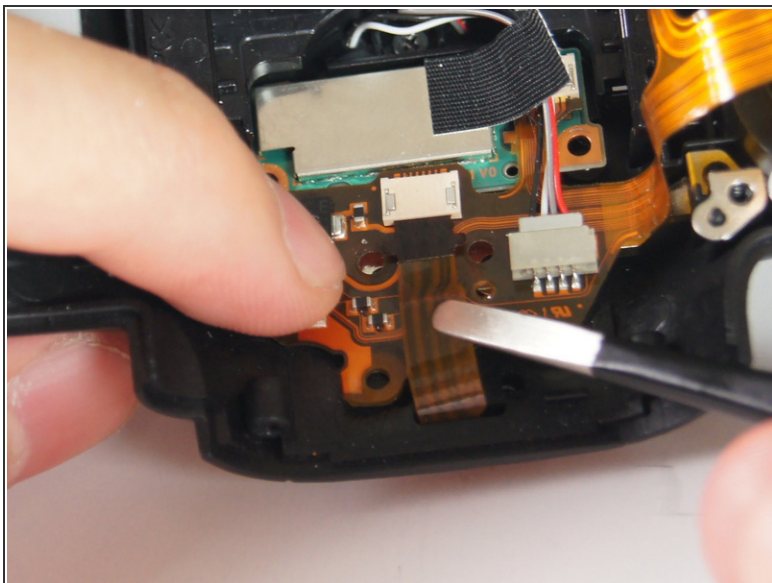
## Step 15



- Remove the four wires (white, pink, dark blue, light blue) from the holder with your hands.

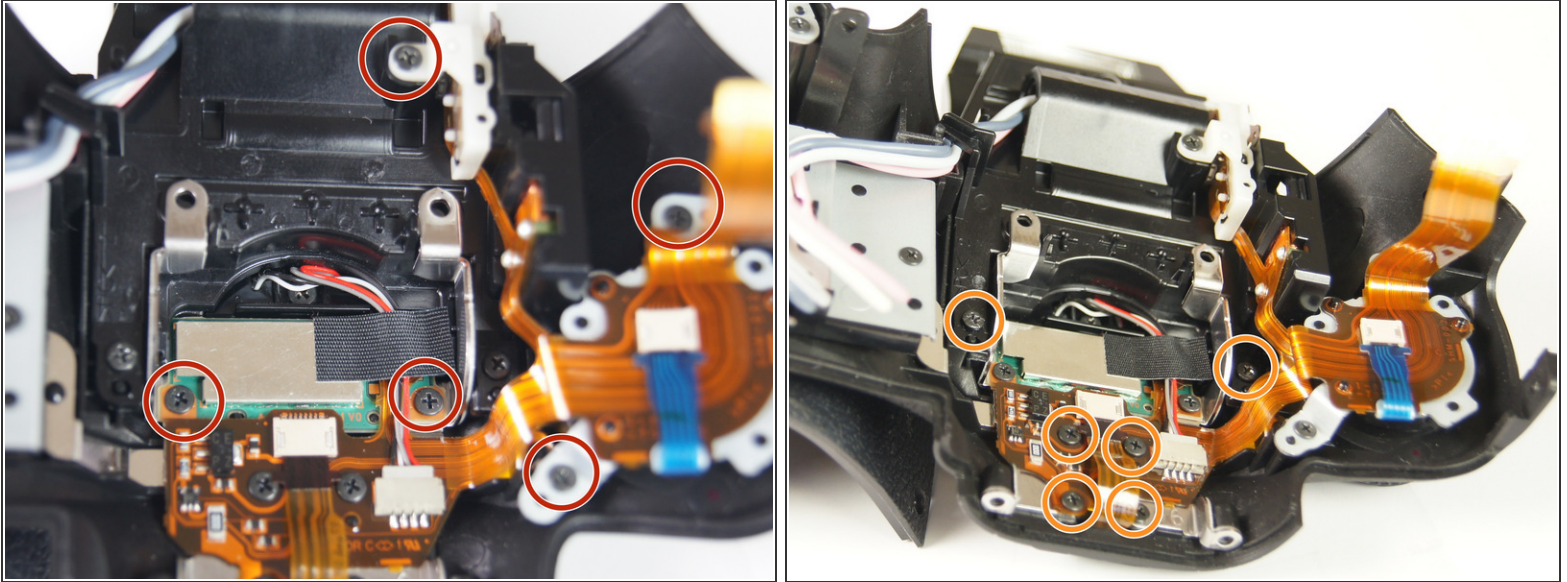



## Step 16



- Gently remove the circuit ribbon shown with tweezers.

## Step 17

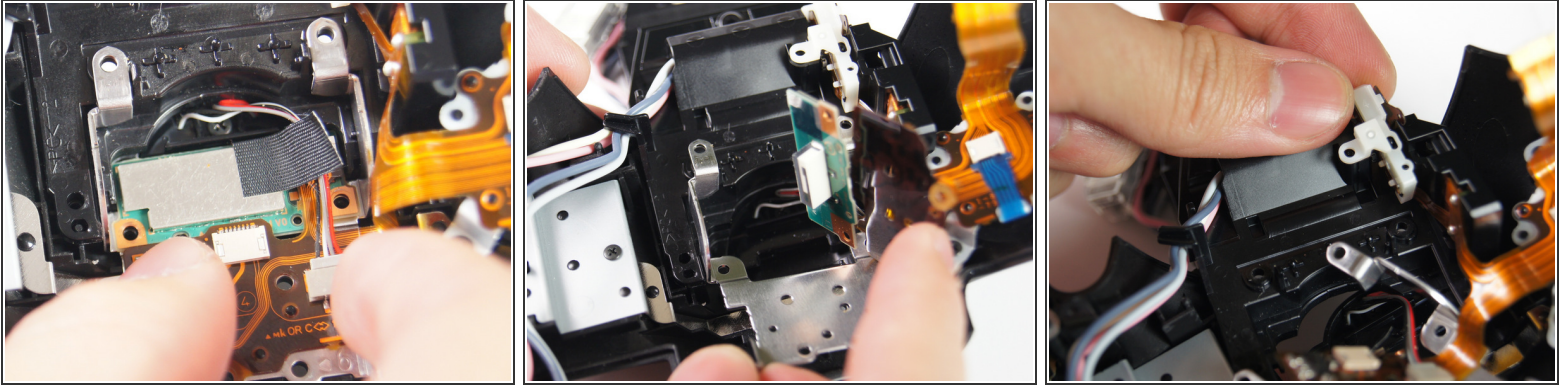




 While completing this step, some components will become loose. Be sure to be working on a flat surface and keep track of all parts.

- Remove the five 3.0 mm Phillips #00 screws. It might take some force to start unscrewing these screws, but once they start to unscrew, they will become easy to take off.
- Remove the three 5.0 mm Phillips #00 screws. These screws will need more force to get started. Unscrew the screws with the part against a surface.

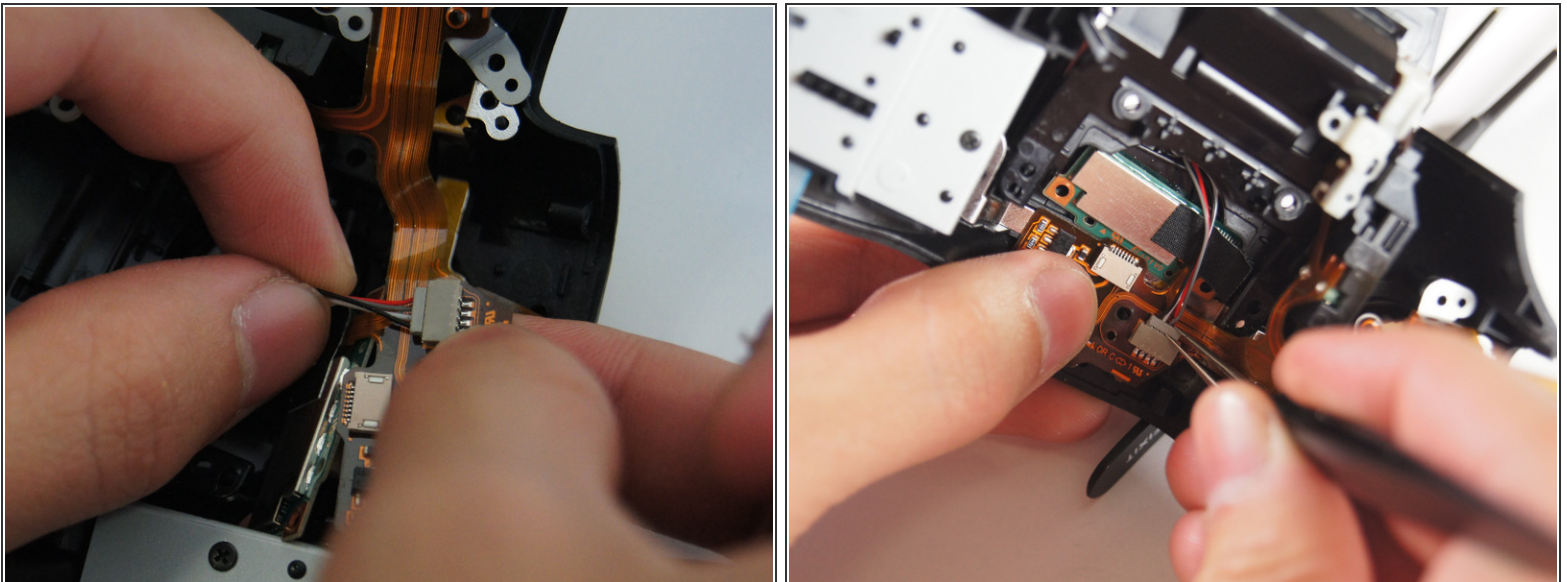


## Step 18



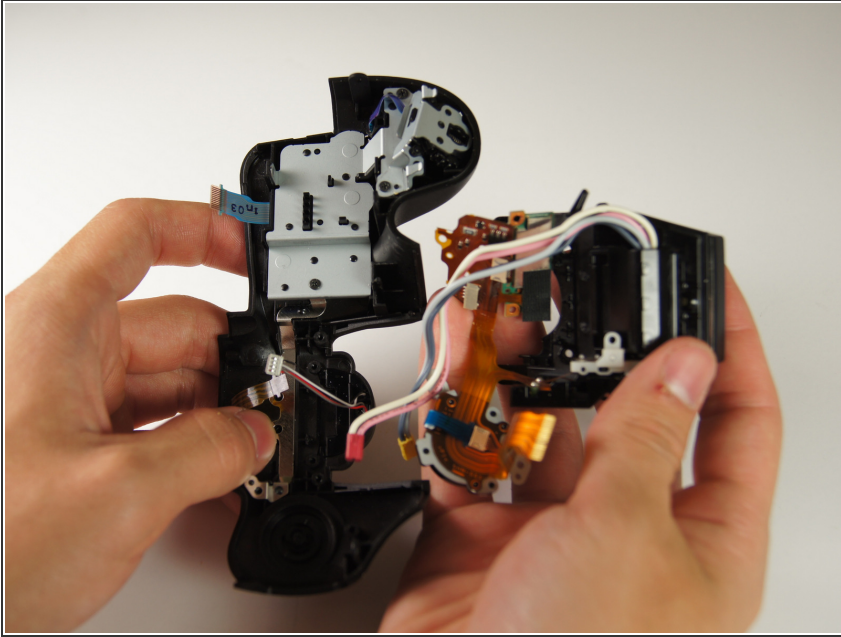
-  Keep the part flat and still. Do not forcefully and quickly pull parts out because the pieces are still connected.
-  When reassembling the device, make sure to properly place the metal frame before putting in the tiny circuit board. There are tiny holders that will hold the frame in place.
- Gently lift out the tiny circuit board with your hands. A metal frame and a tiny side attachment should come off too.
- If it does not come off, lift out the white connector piece.

## Step 19



- Slowly disconnect the wire from the board using your hands or with tweezers. It may take some wiggling. Try pulling from both sides to disconnect the wires more easily.

## Step 20



⚠ Be careful to not pull too fast. Also, make sure none of the wires get caught as you pull the flash unit away.

- Pull the flash unit away. It should come off very easily.

To reassemble your device, follow these instructions in reverse order.

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